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DRIVING CIRCUIT OF A LIQUID CRYSTAL DISPLAY AND RELATING DRIVING METHOD

Abstract

A driving method of a liquid crystal display (LCD) includes (a) measuring reaction curves of LCD panel pixels switching from any gray scale value to others within a frame period and generating a standard table according to the results, (b) measuring adjustment gray scale values of any gray scale values for different gammas, (c) generating a plurality of tables according to the adjustment gray scale values and the standard table, (d) applying scan voltages to the scan lines, (e) receiving image data from an image signal terminal, (f) delaying the image data for a frame period to generate delayed image data, (g) selecting a table from the standard table and the tables according to gamma, and (h) selecting an image data value from the selected table according to the current and delayed image data to generate a data line voltage to be applied on a corresponding data line.